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GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

School Education – Enabling the students in Govt. Schools of Andhra Pradesh to achieve high-end global jobs in the futuristic technologies and opportunities – International Baccalaureate (IB) becoming part of SCERT - Memorandum of Cooperation (MoC) with IB with the overarching objective of attaining joint certification for both schools and colleges, including the issuance of pass certificates for students in classes 10th and 12th - Permission accorded - Orders issued.

SCHOOL EDUCATION (PROG.IV) DEPARTMENT

G.O. Ms. No. 5, dated: 31.01.2024.

Read the following:

1. Letter of Intent (LoI) between the Department of School Education, Govt. of Andhra Pradesh and International Baccalaureate (IB), dated 20.09.2023.
2. Draft MoC received from the IB.
3. Project proposal received from IB, dated 06.01.2024.

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The motto of Government of Andhra Pradesh is to enable and prepare the students studying in the Government Schools of Andhra Pradesh to get high-end global jobs in the futuristic technologies. To make this vision into, it is focusing on transforming education in government schools to make students learn the skills to enable and prepare them for the future technologies. Since 2019, Govt. have been on a continuous endeavour to ensure that the younger generation of Andhra Pradesh studying in Govt. schools, become globally employable citizens. The first step in the direction is to improve the knowledge of the English language. The government has undertaken numerous initiatives in this direction –

- In Academic Year (AY) 2019-20, English was made as a medium of instruction in all the 45,000 Govt. schools. Today all the 41 lakh students studying in Govt. schools are getting education in English medium.

- In AY 2020-21, Govt. introduced the Bilingual textbooks in the subjects of Science, Social Science and Mathematics subjects under the flagship program of 'Jagananna Vidya Kanuka'. To ensure that the English language knowledge is improved English language labs were put up in the Govt. schools.

- In AY 2021-22, to improve the English of the students, Oxford dictionary was being provided to all the students from class 6 to 10. For the classes 3rd to 5th pictorial dictionary was provided for English improvement. Moreover, Subject Teachers for English were introduced from class 3rd onward, instead of class 6th (as is the standard norms).

- In AY 2022-23, to provide the students with national and global platforms for learning and recognition, Government focused on affiliating all the Govt. schools with CBSE. For providing the best content in science, social science and mathematics, AV bilingual content from Byjus' is being used by the Government in all the Govt. schools, to further strengthen the learning quality of the students. The Class VIII students and teachers were provided 5,18,740 personal TABS for learning enhancement with the Byjus' App and content preloaded for the purpose of learning.

- In AY 2023-24, under the flagship program of Nadu Nedu, Digitization of the school infrastructure is being done through 30,213 Interactive Flat panels (IFP) in High schools and 10,038 Smart TVs in Primary schools. In the leftover classrooms the IFPs and Smart TVs will be provided by 21st Dec, 2023. Govt. has also approved the proposal to enter into

agreement with ETS (Education Testing Services) for providing the opportunity for improving the speaking of English and enhancing the TOEFL preparation for the examination of students studying in Govt. schools.

2. While improving the English knowledge of the students is an essential requirement, to make them globally employable, the next important requirement is to bolster their knowledge and skill set in the next generation upcoming technologies like Artificial Intelligence, Machine learning, Large Language Models (LLM), Data Analytics to bringing in LLM platform tools such as Chat GPT, Web 3.0, Augmented Reality, Virtual reality, Internet of Things, Central Bank Digital Currency, Autonomous vehicles, 3D-Printing, Gaming, etc.

3. To address the current learning requirements and to ensure appropriate class-specific learning outcomes, it is important that in early classes the students are exposed to these skills and their curriculum and practice is aligned. Apart from introducing Future skills as a subject in the curriculum it is also pivotal that we should focus on and change the present practice of the pedagogy, way of assessing other subjects, the curriculum and also evaluate if the existing subjects are on par to the new Digital Technology 4.0. Evolution.

4. For this International Baccalaureate will be a better choice for preparing the students and aligning them for future jobs and making them globally employable which requires skills like critical thinking, Design Thinking, Problem solving, and application of knowledge in day-to day. However, to understand the 10^{th} and 12^{th} AP Boards Academic and other extracurricular activities, the teachers' capacity, and the school infrastructure of the present schools of AP if it is aligned with IB Philosophy.

5. The Council of Ministers have approved the proposal for entering into a LoI with the International Baccalaureate (IB), vide Resolution No. 277/2023. Accordingly, Government of Andhra Pradesh and IB have entered into LoI on 20.09.2023.

6. Consequent to LoI, the IB has sent the draft MoC along with Project proposal.

7. Salient features of jointly agreed (Department of School Education and IB) project proposal are as follows:

Objectives

- To collaboratively conduct a six-month needs analysis to produce an evidence-informed roadmap [system improvement plan (SIP)] for informing state-level change across grades 1 – 12 culminating in the alignment of the 10^{th} and 12^{th} Education Boards in Andhra Pradesh with IB standards.

- Over a period of fourteen years, to implement both the system improvement plan, as well as the customized school-level implementation model to gradually introduce IB Primary Years Programme (PYP), IB Middle Years Programme (MYP), IB Diploma Programme (DP), and IB Career Related Programme (CP) in schools across the State of Andhra Pradesh, starting with IB PYP.

Timelines

Below is the indicative timeline for the project:

Dates		Key Milestones	System level	School level
2023				
	Nov.	Presentation of Needs Analysis Proposal to DoSE GoAP	x	x

	Dec.	Signing of Memorandum of Cooperation for Phase 1	x	x
		Development of school-level readiness audit questionnaire		x
2024				
	Jan- Feb	Needs analysis kick off	x	x
		Through the DoSE GoAP's established channels, systems and support structures launch the school readiness survey to all state schools in Andhra Pradesh		x
		Development of system level needs analysis framework	x	
		Visits to forty elementary, middle, and high schools in Andhra Pradesh to conduct the on-site feasibility study as part of the needs analysis	x	x
		On-site document analysis and meetings with officials from grade 10 and 12 boards and SCERT	x	
	Mar-May	Ongoing document analysis and virtual stakeholder engagement		x
		Interim report system level and school-level findings	x	x
		Prioritization of 4043 Practical Training Centres	x	x
		Initiate necessary steps to support schools that are deemed ready to apply for candidacy for the IB PYP		x
		System-level and school-level needs analysis findings report	x	
	June	Deliver presentation of system improvement plan and school-level implementation model to DoSE GoAP	x	x
	Jul-Aug	Setting up necessary structures, processes, and system for the implementation of system improvement plan and customized school-level implementation model		x
	Sept.	Signing of Memorandum of Cooperation for Phase 2	x	x
	October	System improvement plan and school-level implementation model fully launched	x	
	Nov. onwards	Ongoing implementation of system improvement plan and customized school-level implementation model	x	x

		Initiate and implement the application process for IBEC programme recognition in leading teacher education universities as recommended by the DoSE GoAP, adhering to IBEC recognition guidelines.	x	
2025		PYP year 1	x	x
		Create a research agenda and framework to generate research output validating the project's objectives, and relevant topics to further enhance the implementation of system improvement plan and school-level implementation model.	x	x
2026		PYP Year 2	x	x
2027		PYP Year 3	x	x
2028		PYP Year 4	x	x
2029		PYP Year 5	x	x
2030		MYP Year 1	x	x
2031		MYP Year 2 and Grade 10 Board Exam Joint Certification Agreement	x	x
2032		MYP Year 3 and DP year 1	x	x
2033		MYP Year 4 and DP Year 2	x	x
2034		MYP Year 5 and Grade 12 Board Exam Joint Certification Agreement	x	x
2035		Teaching of DP Year 1	x	x
2036		Teaching of DP Year 2	x	x

Project Budget (Phase 1)

S. No	Description	Amount in USD
1	• IB Specialist and Resources for up to 6 months • 750 workdays • Twenty-one specialists • International Travel (excluding local conveyance within AP)	585,289.60
2	• Translation and Interpretation services if required of professional quality during the on- site school visits.	To be provided by DoSE GoAP for local language needs (Telugu)
	Total	585289.60 (USD Five Hundred Eighty- Five Thousand Two Hundred Eighty Nine Sixty only)

8. The MoC between the GoAP and IB has the following five objectives.

I. To collaboratively conduct a six month system focused needs analysis to produce an evidence-informed roadmap (System Improvement Plan-SIP) for informing state-level change across

grades 1-12 culminating in the alignment of the 10th and 12th Education Boards in Andhra Pradesh with IB standards with an aim to develop young people who are globally competent and internationally minded.

II. To collaboratively conduct a six month, school focused needs analysis to produce an evidence-informed customized school-level implementation model that will include support for both Applications for Candidacy (AfC) and introduction of IB inspired approaches for teaching, learning and assessment for state schools in Andhra Pradesh.

III. Over a period of fourteen years, implement both the system improvement plan, as well as the customized school-level implementation model to gradually introduce IB Primary Years Programme (PYP), IB Middle Years Programme (MYP), IB Diploma Programme (DP), and IB Career Related Programme (CP) in schools across the State of Andhra Pradesh.

IV. Capitalizing on the Government of Andhra Pradesh's continuous efforts in educational transformation aimed at elevating the quality of education by improving school infrastructure and integrating technology, develop comprehensive teacher training capacity building programme, with the goal of enhancing teachers' competence and confidence in adopting IB-inspired methods for teaching, learning, and assessment.

V. To facilitate the recognition and implementation of IB Educator Certificates (IBEC) in Teaching and Learning, and Leadership in some of the leading teacher education Universities in the State of Andhra Pradesh and explore opportunities for joint research on mutually agreed topics related but not limited to curriculum and pedagogy to enhance the implementation system improvement plan and school-level implementation mode.

9. The MoC will have three Phases:

Sl.No.	Phase	Timeline
1	Customization in the context of AP	Jan. 2024 to June 2024
2	Training, bridging the gap in School Infrastructure	July 2024 to May, 2025
3	Implementation of the Program.by Joint Certification	June 2025 onwards

10. During the Phase I (Jan. 24 to June 24) the IB will deploy 26 specialists for 750 Specialist Days. They will study the school infrastructure, pedagogy, curriculum, assessment, teacher training, functions of SCERT, DIETs and submit a detailed report on current status. For this, the Govt. shall pay to the IB a non-refundable fee of USD $585,289.60 (Rs. 4.86 Crores).

The Fee:

The DoSE, GoAP shall pay to the IB an non-refundable fee of USD $ 585.289.60 (the fee as per the stages mentioned below). The fee shall be paid in its entirety, without any deductions or withholdings.

Fee Payment Schedule:

Milestone Description	Amount payable	Percentage of Fee
Signing the MOC	USD 175586.00	30%
Confirmation of visit to 40 schools for	USD 234115.00	40%

onsite study		
Submission of Interim Report	USD 117057.00	20%
Submission of System level and School Level findings report	USD 585289.60	10% (Rounded off)
Total	USD 585289.60	

Note: i) all payments due within 30 days of invoice date.
ii) Upon payment of the complete project fees, the IB report findings can be used internally by DoSE, GoAP.

11. The above expenditure will be met from the available budget of PMSHRI and Samagra Siksha.

12. After signing the agreement between the Department of School Education, the Government of Andhra Pradesh, and the International Baccalaureate (IB), with the added fact that the State Council of Educational Research and Training (SCERT) serves as the nodal agency representing Department of School Education, Government of Andhra Pradesh for the seamless execution of the project. The International Baccalaureate through its project team becomes part of SCERT for the project's duration, with the overarching objective of attaining joint certification for both schools and colleges, including the issuance of pass certificates for students in classes 10th and 12th.

13. Presently SCERT has 19 experts in the organization. Following the integration of the International Baccalaureate (IB) into SCERT for the project period, the following additional 26 experts from the International Baccalaureate will be included. Consequently, the total strength of SCERT stands at 45 experts.

1. Marc Neesam – Expert from International Baccalaureate
2. Aldo Anzures– Expert from International Baccalaureate
3. Eric Baber– Expert from International Baccalaureate
4. Ellen Weavers– Expert from International Baccalaureate
5. Jennifer Pleszkoch - – Expert from International Baccalaureate
6. Michael Donovan - – Expert from International Baccalaureate
7. Kala Parasuram– Expert from International Baccalaureate
8. Wendy Green– Expert from International Baccalaureate
9. Pamela Bender– Expert from International Baccalaureate
10. Sean Rankin– Expert from International Baccalaureate
11. Monita Sen– Expert from International Baccalaureate
12. Avi Nanda– Expert from International Baccalaureate
13. Jaime Clark– Expert from International Baccalaureate
14. Craig Escott– Expert from International Baccalaureate
15. Warren George– Expert from International Baccalaureate
16. Wei Song– Expert from International Baccalaureate
17. Laura Carrero– Expert from International Baccalaureate
18. Ashish Trivedi– Expert from International Baccalaureate
19. James Lawrie– Expert from International Baccalaureate
20. Stuart Jones– Expert from International Baccalaureate
21. Mahesh Balakrishnan - – Expert from International Baccalaureate
22. Anton Beguin– Expert from International Baccalaureate
23. Matt Costello– Expert from International Baccalaureate
24. Stefanie Leong– Expert from International Baccalaureate
25. Amy Parker Dixon– Expert from International Baccalaureate
26. Haif Bannayan– Expert from International Baccalaureate

14. The Commissioner of School Education and the Director of SCERT are tasked to ensure that any new proposal within SCERT undergoes thorough vetting by the

collective expertise of the 45 experts (19 original experts plus the newly added 26 from the International Baccalaureate) before submitted to the Government.

15. The Director of SCERT is directed to expand the office space and make necessary arrangements.

16. The State Project Director, Samagra Shiksha is directed to provide financial support from the relevant heads/interventions of the Annual Work Plan and Budget to facilitate the necessary expansion of the office space.

17. Govt. after careful examination of the matter, have entered into Memorandum of Cooperation (MOC) with the IB.

18. The MoC will have three Phases:

Sl.No.	Phase	Timeline
1	Customization in the context of AP	Jan. 2024 to June 2024
2	Training, bridging the gap in School Infrastructure	July 2024 to May, 2025
3	Implementation of the Program by Joint Certification	June 2025 onwards

19. Following are the ground level initiatives over the next two months:

1	International Baccalaureate (IB) becoming as a part of SCERT	31st Jan, 2024
2	Tour of IB delegation to visit 40 schools in 21 days	February, 2024.
3	Submission of Interim Report and Findings	March, 2024
4	Virtual meetings	April & May, 2024
5	Final Report and presentation	June, 2024

20. Certifying the following staff as "IB Trained" :

Teachers
School Heads
Mandal Educational Officers
District Educational Officers
SCERT Faculty
DIET Faculty
Staff of SSC and Intermediate Boards
Staff of Commissionerates of School Education and Intermediate Education

21. Joint Certification by 10th and 12th Boards :

Year	Class
June 2025	IB Inspired Teaching in Class 1st
June 2026	IB Inspired Teaching in Class 2nd
June 2027	IB Inspired Teaching in Class 3rd
June 2028	IB Inspired Teaching in Class 4th
June 2029	IB Inspired Teaching in Class 5th
June 2030	IB Inspired Teaching in Class 6th
June 2031	IB Inspired Teaching in Class 7th
June 2032	IB Inspired Teaching in Class 8th
June 2033	IB Inspired Teaching in Class 9th
June 2034	IB Inspired Teaching in Class 10th
April 2035	**Joint Certification of Class 10th**

June 2035	IB Inspired Teaching in Class 11th
June 2036	IB Inspired Teaching in Class 12th
April 2037	**Joint Certification for Class 12th**

22. IB will take responsibility for notifying the Joint Certification equivalent to the standalone certification from IB

23. During the Phase I (Jan. 24 to June 24) the IB will deploy 26 specialists for 750 Specialist Days. They will study the school infrastructure, pedagogy, curriculum, assessment, teacher training, functions of SCERT, DIETs and submit a detailed report on current status. For this, the Govt. shall pay to the IB a non-refundable fee of USD $585,289.60 (Rs. 4.86 Crores).

24. The Fee:

The DoSE, GoAP shall pay to the IB an non-refundable fee of USD $ 585.289.60 (the fee as per the stages mentioned below). The fee shall be paid in its entirety, without any deductions or withholdings.

Fee Payment Schedule:

Milestone Description	Amount payable	Percentage of Fee
Signing the MOC	USD 175586.00	30%
Confirmation of visit to 40 schools for onsite study	USD 234115.00	40%
Submission of Interim Report	USD 117057.00	20%
Submission of System level and School Level findings report	USD 585289.60	10% (Rounded off)
Total	USD 585289.60	

25. The above expenditure will be met from the available budget of PMSHRI and Samagra Siksha.

26. Government after careful examination of the matter hereby permit for International Baccalaureate becoming part of SCERT with the overarching objective of attaining joint certification for both schools and colleges, including the issuance of pass certificates for students in classes 10th and 12th.

27. The Commissioner of School Education, the Commissioner of Intermediate Education, the State Project Director, Samagra Siksha, the Director, SCERT shall take further necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

PRAVEEN PRAKASH
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Commissioner of School Education, Ibrahimpatnam, Vijayawada.
The Commissioner of Intermediate Education, Tadepalli, Vijayawada.
The State Project Director, Samagara Siksha, Patamata, Vijayawada.
The Director, SCERT, Vijayawada.
Copy to:
The Director of Govt. Examinations, Gollapudi, Vijayawada.
The Secretary, Board of Intermediate Education, Tadepalli, Guntur Dist.
OSD to Hon'ble M(Education).
P.S. to Principal Secretary to Govt. (SE).

// FORWARDED BY ORDER //

SECTION OFFICER